SEQUENCE LISTING

```
<110> Tania KASTELIC
      Domingue CHENEVAL
<120> ASSAY FOR IDENTIFYING COMPOUNDS WHICH
     AFFECT STABILITY OF MRNA
<130> 608352000101
<140> US 10/594,851
<141> 2005-04-01 (International)
<150> PCT/CA2005/00491
<151> 2005-04-01
<160> 32
<170> FastSEO for Windows Version 4.0
<210> 1
<211> 1105
<212> DNA
<213> Homo sapiens
<400> 1
gcggccgcca cagcagcctc tgaagttgga cagcaaaacc attgcttcac tacccatcgg 60
tgtccattta tagaataatg tgggaagaaa caaacccgtt ttatgattta ctcattatcg 120
ccttttgaca gctgtgctgt aacacaagta gatgcctgaa cttgaattaa tccacacatc 180
agtaatgtat totatototo titacattit ggtototata otacattatt aatgggttit 240
gtgtactgta aagaatttag ctgtatcaaa ctagtgcatg aatagattct ctcctgatta 300
tttatcacat agccccttag ccagttgtat attattcttg tggtttgtga cccaattaag 360
tectaettta eatatgettt aagaategat gggggatget teatgtgaae gtgggagtte 420
agctgcttct cttgcctaag tattcctttc ctgatcacta tgcattttaa agttaaacat 480
ttttaagtat ttcagatgct ttagagagat tttttttcc atgactgcat tttactgtac 540
agattgctgc ttctgctata tttgtgatat aggaattaag aggatacaca cgtttgtttc 600
ttcqtqcctq ttttatqtqc acacattaqq cattqaqact tcaaqctttt cttttttqt 660
ccacqtatct ttqqqtcttt qataaaqaaa aqaatccctq ttcattqtaa qcacttttac 720
qqqqqqqtq qqqaqqqqtq ctctqctqqt cttcaattac caaqaattct ccaaaacaat 780
tttctgcagg atgattgtac agaatcattg cttatgacat gatcgctttc tacactgtat 840
tacataaata aattaaataa aataaccccg ggcaagactt ttctttgaag gatgactaca 900
gacattaaat aatcgaagta attttgggtg gggagaagag gcagattcaa ttttctttaa 960
ccagtctgaa gtttcattta tgatacaaaa gaagatgaaa atggaagtgg caatataagg 1020
ggatgaggaa ggcatgcctg gacaaaccct tcttttaaga tgtgtcttca atttgtataa 1080
                                                                  1105
aatggtgttt tcatgtagcg gccgc
<210> 2
<211> 904
<212> DNA
<213> Homo sapiens
<400> 2
gcggccgctg aagtcaacat gcctgcccca aacaaatatg caaaaggttc actaaagcag 60
tagaaataat atgcattgtc agtgatgtac catgaaacaa agctgcaggc tgtttaagaa 120
aaaataacac acatataaac atcacacaca cagacagaca cacacacaca caacaattaa 180
```

```
cagtetteag geaaaaegte gaateageta tttaetgeea aagggaaata teatttattt 240
tttacattat taaqaaaaaa aqatttattt atttaaqaca qtcccatcaa aactcctqtc 300
tttqqaaatc cqaccactaa ttqccaaqca ccqcttcqtq tqqctccacc tqqatqttct 360
gtgcctgtaa acatagattc gctttccatg ttgttggccg gatcaccatc tgaagagcag 420
acggatggaa aaaggacctg atcattgggg aagctggctt tctggctgct ggaggctggg 480
gagaaggtgt tcattcactt gcatttcttt gccctggggg ctgtgatatt aacagaggga 540
gggttcctgt ggggggaagt ccatgcctcc ctggcctgaa gaagagactc tttgcatatg 600
actcacatga tgcatacctg gtgggaggaa aagagttggg aacttcagat ggacctagta 660
cccactgaga tttccacgcc gaaggacagc gatgggaaaa atgcccttaa atcataggaa 720
agtatttttt taagctacca attgtgccga gaaaagcatt ttagcaattt atacaatatc 780
atccagtace ttaageeetg attgtgtata tteatatatt ttggataege acceeccaae 840
teceaataet ggetetgtet gagtaagaaa eagaateete tggaaettga ggaagtgegg 900
ccqc
                                                                904
<210> 3
<211> 710
<212> DNA
<213> Homo sapiens
<400> 3
qcqqccqctq aaqtcaacat qcctqccca aacaaatatq caaaaqqttc actaaaqcaq 60
tagaaataat atgcattgtc agtgatgtac catgaaacaa agctgcaggc tgtttaagaa 120
aaaataacac acatataaac atcacacaca caqacaqaca cacacacaca caacaattaa 180
cagtetteag geaaaacgte gaateageta tttactgeea aagggaaata teatttattt 240
tttacattat taagaaaaaa agatttattt atttaagaca gtcccatcaa aactcctgtc 300
tttggaaatc cgaccactaa ttgccaagca ccgcttcgtg tggctccacc tggatgttct 360
gtgcctgtaa acatagattc gctttccatg ttgttggccg gatcaccatc tgaagagcag 420
acggatggaa aaaggacctg atcattgggg aagctggctt tctggctgct ggaggctggg 480
gagaaggtgt tcattcactt gcatttcttt gccctggggg ctgtgatatt aacagaggga 540
qqqttcctqt qqqqqaagt ccatgcctcc ctggcctgaa gaagagactc tttgcatatg 600
actcacatga tgcatacctg gtgggaggaa aagagttggg aacttcagat ggacctagta 660
                                                                710
cccactgaga tttccacgcc gaaggacagc gatgggaaaa atgcggccgc
<210> 4
<211> 688
<212> DNA
<213> Homo sapiens
<400> 4
qcqqccqctc qqaqcttttt tqccctqcqt qaccaqatcc cqqaqttqqa aaacaatqaa 60
aaqqcccca aqqtaqttat ccttaaaaaa qccacaqcat acatcctqtc cqtccaaqca 120
gaggagcaaa agctcatttc tgaagaggac ttgttgcgga aacgacgaga acagttgaaa 180
cacaaacttg aacagctacg gaactcttgt gcgtaaggaa aagtaaggaa aacgattcct 240
tetgacagaa atgteetgag caateaceta tgaacttgtt teaaatgeat gateaaatge 300
aacctcacaa cettggetga gtettgagae tgaaagattt agecataatg taaactgeet 360
caaattggac tttgggcata aaagaacttt tttatgctta ccatcttttt ttttcttta 420
acagatttqt atttaagaat tqtttttaaa aaattttaag atttacacaa tqtttctctq 480
taaatattgc cattaaatgt aaataacttt aataaaacgt ttatagcagt tacacagaat 540
ttcaatccta gtatatagta cctagtatta taggtactat aaaccctaat tttttttatt 600
actggcaaat atatcattga gccatatg
                                                                688
<210> 5
<211> 806
<212> DNA
<213> Homo sapiens
```

```
<400> 5
qcqqccqctq aqqaqqacqa acatccaacc ttcccaaacq cctcccctqc cccaatccct 60
ttattacccc ctccttcaga caccctcaac ctcttctggc tcaaaaagag aattggggc 120
ttagggtcgg aacccaaget tagaacttta agcaacaaga ccaccacttc gaaacctggg 180
attcaggaat gtgtggcctg cacagtgaag tgctggcaac cactaagaat tcaaactggg 240
qcctccaqaa ctcactqqqq cctacaqctt tqatccctqa catctqqaat ctqqaqacca 300
gggagccttt ggttctggcc agaatgctgc aggacttgag aagacctcac ctagaaattg 360
acacaagtgg accttaggcc ttcctctctc cagatgtttc cagacttcct tgagacacgg 420
agcccagccc tccccatgga gccagctccc tctatttatg tttgcacttg tgattattta 480
ttatttattt attatttatt tatttacaga tgaatgtatt tatttgggag accggggtat 540
cctgggggac ccaatgtagg agctgccttg gctcagacat gttttccgtg aaaacggagc 600
tgaacaatag getgtteeca tgtageecee tggeetetgt geettetttt gattatgttt 660
tttaaaaatat ttatctqatt aaqttqtcta aacaatqctq atttqqtqac caactqtcac 720
tcattgctga gcctctgctc cccaggggag ttgtgtctgt aatcgcccta ctattcagtg 780
gcgagaaata aagtttgctt catatg
                                                                  806
<210> 6
<211> 613
<212> DNA
<213> Homo sapiens
<400> 6
qcqqccqcta aaqaqaqctq tacccaqaqa qtcctqtqct qaatqtqqac tcaatcccta 60
gggctggcag aaagggaaca gaaaggtttt tgagtacggc tatagcctgg actttcctgt 120
tgtctacacc aatgcccaac tgcctgcctt agggtagtgc taagaggatc tcctgtccat 180
cagocaggac agtcagctct ctcctttcag ggccaatccc cagocctttt gttgagccag 240
gcctctctca cctctcctac tcacttaaag cccgcctgac agaaaccacg gccacatttg 300
gttctaagaa accetctgtc attcgctccc acattctgat gagcaaccgc ttccctattt 360
atttatttat ttqtttqttt qttttattca ttqqtctaat ttattcaaaq qqqqcaaqaa 420
gtagcagtgt ctgtaaaaga gcctagtttt taatagctat ggaatcaatt caatttggac 480
tggtgtgctc tctttaaatc aagtccttta attaagactg aaaatatata agctcagatt 540
atttaaatgg gaatatttat aaatgagcaa atatcatact gttcaatggt tctgaaataa 600
                                                                  613
acttcaccat atg
<210> 7
<211> 1101
<212> DNA
<213> Homo sapiens
<400> 7
geggeegeat tgetgtgett tggggattee etceacatge tgeaegegea tetegeeece 60
aggggcactg cetggaagat teaggageet gggeggeett egettaetet eacetgette 120
tgagttgccc aggaggccac tggcagatgt cccggcgaag agaagagaca cattgttgga 180
agaagcagcc catgacagct ccccttcctg ggactcgccc tcatcctctt cctgctcccc 240
ttcctggggt gcagcctaaa aggacctatg tcctcacacc attgaaacca ctagttctgt 300
cccccagga gacctggttg tgtgtgtgt agtggttgac cttcctccat cccctggtcc 360
ttcccttccc ttcccqaqqc acaqaqaqac aggqcaqqat ccacqtqccc attqtqqaqq 420
cagagaaaag agaaagtgtt ttatatacgg tacttattta atatcccttt ttaattagaa 480
attaaaacag ttaatttaat taaagagtag ggtttttttt cagtattctt ggttaatatt 540
taatttcaac tatttatgag atgtatcttt tgctctctt tgctctctta tttgtaccgg 600
tttttgtata taaaattcat gtttccaatc tctctctccc tgatcggtga cagtcactag 660
cttatcttga acagatattt aattttgcta acactcagct ctgccctccc cgatcccctg 720
gctccccagc acacattcct ttgaaataag gtttcaatat acatctacat actatatata 780
tatatttqqc aacttqtatt tqtqtqtata tatatatata tatqtttatq tatatatqtq 840
attctgataa aatagacatt gctattctgt tttttatatg taaaaacaaa acaagaaaaa 900
atagagaatt ctacatacta aatctctctc cttttttaat tttaatattt gttatcattt 960
atttattggt gctactgttt atccgtaata attgtgggga aaagatatta acatcacgtc 1020
```

	gtgcagtttt cagaacatat		ccgtagtaca	tatttattt	taaacaacga	1080 1101
<210> 8 <211> 168 <212> DNA <213> Homo	o sapiens					
tatatatata	tcctgtagac aaaataaata gtgctaatgtt	tctctatttt	atatatata	aatatatata		
<210> 9 <211> 33 <212> DNA <213> Arts	ficial Seque	ence				
<220> <223> Synt	hetic Const	ruct				
<220> <223> Olio	gonucleotide	primer				
<400> 9 ttgcggccg	c tacatgaaaa	caccatttta	tac			33
<210> 10 <211> 30 <212> DNA <213> Arti	ficial Seque	ence				
<220> <223> Synt	hetic Const:	ruct				
<220> <223> Olio	gonucleotide	primer				
<400> 10 tgcggccgcc	e acagcageet	ctgaagttgg				30
<210> 11 <211> 29 <212> DNA <213> Arts	ficial Seque	ence				
<220> <223> Synt	hetic Const:	ruct				
<220> <223> Olio	gonucleotide	primer				
<400> 11 ageggeegea	ı cttcctcaag	ttccagagg				29
<210> 12 <211> 28						

<212> DNA <213> Artificial Sequence	
<220> <223> Synthetic Construct	
<220> <223> Oligonucleotide primer	
<400> 12 agcggccgct gaagtcaaca tgcctgcc	28
<210> 13 <211> 28 <212> DNA <213> Artificial Sequence	
<220> <223> Synthetic Construct	
<220> <223> Oligonucleotide primer	
<400> 13 agcggccgca tttttcccat cgctgtcc	28
<210> 14 <211> 28 <212> DNA <213> Artificial Sequence	
<220> <223> Synthetic Construct	
<220> <223> Oligonucleotide primer	
<400> 14 ccatatggct caatgatata tttgccag	28
<210> 15 <211> 32 <212> DNA <213> Artificial Sequence	
<220> <223> Synthetic Construct	
<220> <223> Oligonucleotide primer	
<400> 15 ageggeeget eggagetttt ttgeeetgeg tg	32
<210> 16	
<211> 28	

```
<212> DNA
<213> Artificial Sequence
<220>
<223> Synthetic Construct
<223> Oligonucleotide primer
<400> 16
ccatatgaag caaactttat ttctcgcc
                                                                    28
<210> 17
<211> 31
<212> DNA
<213> Artificial Sequence
<220>
<223> Synthetic Construct
<220>
<223> Oligonucleotide primer
<400> 17
ageggeeget gaggaggaeg aacatecaae e
                                                                    31
<210> 18
<211> 27
<212> DNA
<213> Artificial Sequence
<220>
<223> Synthetic Construct
<223> Oligonucleotide primer
<400> 18
                                                                    27
ccatatggtg aagtttattt cagaacc
<210> 19
<211> 30
<212> DNA
<213> Artificial Sequence
<220>
<223> Synthetic Construct
<220>
<223> Oligonucleotide primer
<400> 19
                                                                    30
ageggeeget aaagagaget gtaeceagag
<210> 20
<211> 32
<212> DNA
```

<213> Artificial Sequence	
<220> <223> Synthetic Construct	
<220> <223> Oligonucleotide primer	
<400> 20 aacatatgtt ctgtatttct ttgtcgttgt tt	32
<210> 21 <211> 32 <212> DNA <213> Artificial Sequence	
<220> <223> Synthetic Construct	
<220> <223> Oligonucleotide primer	
<400> 21 tgcggccgca ttgctgtgct ttggggattc cc	32
<210> 22 <211> 33 <212> DNA <213> Artificial Sequence	
<220> <223> Synthetic Construct	
<220> <223> Oligonucleotide primer	
<400> 22 aacatatgtt catccagtga agacaccaat aac	33
<210> 23 <211> 31 <212> DNA <213> Artificial Sequence	
<220> <223> Synthetic Construct	
<220> <223> Oligonucleotide primer	
<400> 23 tgcggccgca ttcctgtaga cacacccacc c	31
<210> 24 <211> 16 <212> DNA <213> Artificial Sequence	

<220> <223>	Synthetic Construct	
<220> <223>	Oligonucleotide primer	
<400> cttgtc	24 gacg attccc	10
<210><211><211><212><213>	16	
<220> <223>	Synthetic Construct	
<220> <223>	Oligonucleotide primer	
<400> aatcgt	25 cgac aagttc	16
<210> <211> <212> <213>	20	
<220> <223>	Synthetic Construct	
<220> <223>	Oligonucleotide primer	
<400> agctgc	26 stage tegagatetg	20
<210><211><211><212><213>	20	
<220> <223>	Synthetic Construct	
<220> <223>	Oligonucleotide primer	
<400> agctca	27 Igatc tcgagctagc	20
<210><211><211><212><213>	601	

```
<400> 28
agagagetgt acceagagag teetgtgetg aatgtggaet caateeetag ggetggeaga 60
aagggaacag aaaggttttt gagtacggct atagcctgga ctttcctgtt gtctacacca 120
atgcccaact gcctgcctta gggtagtgct aagaggatct cctgtccatc agccaggaca 180
gtcagctctc tcctttcagg gccaatcccc agcccttttg ttgagccagg cctctctcac 240
ctctcctact cacttaaagc ccqcctqaca qaaaccacqq ccacatttqq ttctaaqaaa 300
ccctctgtca ttcgctccca cattctgatg agcaaccgct tccctattta tttatttatt 360
tgtttgtttg ttttattcat tggtctaatt tattcaaagg gggcaagaag tagcagtgtc 420
tgtaaaagag cctagttttt aatagctatg gaatcaattc aatttggact ggtgtgctct 480
ctttaaatca agtcctttaa ttaagactga aaatatataa gctcagatta tttaaatggg 540
aatatttata aatgagcaaa tatcatactg ttcaatggtt ctgaaataaa cttctctgaa 600
                                                                   601
<210> 29
<211> 40
<212> DNA
<213> Homo sapiens
<400> 29
                                                                   40
atggcttccc tatttattta tttatttgtt tgtccaacct
<210> 30
<211> 40
<212> DNA
<213> Homo sapiens
<400> 30
ttggacaaac aaataaataa ataaataggg aagccatagg
                                                                  40
<210> 31
<211> 22
<212> DNA
<213> Artificial Sequence
<220>
<223> Synthetic Construct
<220>
<223> Oligonucleotide primer
<400> 31
                                                                   22
tgcggccgca acatatgttc ct
<210> 32
<211> 22
<212> DNA
<213> Artificial Sequence
<220>
<223> Synthetic Construct
<220>
<223> Oligonucleotide primer
<400> 32
```